

LXIII.—*Descriptions of new African Heterocera.*

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*Syntomidæ.**Ceryx flava*, sp. n.

♂. Antennæ dark brown. Head, thorax, and abdomen uniform chrome-yellow. Legs dark brown. Primaries brown where not hyaline; all the cell and nearly all below the cell to vein 1 a hyaline, angle of veins 7 and 8 hyaline, internervular area between 6 and 7 hyaline for two-thirds, area between 5 and 6 nearly filled in with brown but not quite, a hyaline ovate spot on each side of vein 4, angle of vein 2 hyaline. Secondaries with basal area yellow, outer half greyish brown, no hyaline spots at all.

Expanse 29 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Syntomis tripunctata, sp. n.

Antennæ with white tips. Head, thorax, and abdomen uniform greenish black. Primaries greenish black, with a small hyaline spot in the cell, one above vein 6, and one below it, below vein 4. Secondaries, a minute dot beyond the cell.

Expanse 23 mm.

Hab. N'Dallo Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Syntomis dissimilis, sp. n.

Antennæ all black. Head, thorax, and abdomen blue-black, the latter with the two middle segments dull red, with a similar coloured fine lateral line from them to the thorax. Both wings bluish black. Primaries with a hyaline quadrate spot below the cell, a large spot filling the apical half of the cell, below which is a large subquadrate spot, a spot above vein 6, two ovate spots, one on each side of vein 4. Secondaries: a large basal spot extending into the cell, another beyond the cell divided by vein 3. Fringes to both wings brown.

Expanse 33 mm.

Hab. Laikipia, East Equatorial Africa; June (*Jackson*).

Type in my collection.

Allied to *S. consimilis*, Hmps.

Syntomis n'tebi, sp. n.

Antennæ tipped with white. Head, thorax, and abdomen blackish, the latter with three segments banded with red. Both wings brownish black. Primaries with a small round spot below the cell, a larger one at the end of the cell, below which a little inwards is an elongate one; an oval spot above vein 6, and an oval one between veins 3 and 4 and 4 and 5. Secondaries with a roundish basal spot and a round spot beyond the cell.

Expanse 35 mm.

Hab. N'tebi, Uganda (*Jackson*).

Type in my collection.

Allied to *S. borguensis*, Hamp:n.

ERESSADES, gen. nov.

Antennæ bipectinate to tip, with long branches and cilia; palpi and proboscis absent, minute spurs on hind tibiæ only. Neuration: primaries, vein 2 from middle of cell, 3 from before the angle, 4 from angle, 5 from well above the angle, 6 from upper angle, 7, 8, 9, 10 stalked. Secondaries normal in shape, with vein 2 from a third before the angle, 3 from before the angle, 4 from the angle, 5 from the middle, 6 and 7 coincident.

Type, *Eressades flavipunctata*, B-B.

Eressades flavipunctata, sp. n.

♂. Antennæ brown; head yellow; thorax brown, with small yellow patagia and centre of metathorax yellow; abdomen yellow; legs brown. Both wings greyish brown with straw-yellow spots. Primaries with a subquadrate spot below the cell, a triangular spot in the cell at its upper extremity, a round spot above vein 6, one on each side of vein 4. Secondaries with basal spot in the cell and below it, beyond the cell a spot on each side of vein 4.

Expanse 26 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Euchromia jacksoni, sp. n.

♀. Head, antennæ, thorax, and abdomen black, the latter with a pale yellowish spot on each side of the proximal segment, two lateral metallic-blue dashes on the next two segments, on the dorsal and on the ventral surfaces, which are separated; a small metallic spot on the dorsum of each segment also; a red lateral patch on the following segment

and a red spot on the dorsum, ventral surface of this segment banded with white; the remaining segments barred laterally with metallic-blue on both dorsal and ventral portions; similar coloured small spots on the centre of the dorsum also; on each side of the dorsum is a deep black stripe dividing all the markings as described. Both wings brownish black, with straw-yellow hyaline patches. Primaries with a large spot below the cell and a small one in it; a series of four confluent spots beyond the cell divided by the veins, the two upper small, the two lower large spots. Secondaries with a small basal elongated spot in the cell and one below it, a very large spot beyond the cell extending into the angles of vein 3.

Expanse 52 mm.

Hab. Entebbe, Uganda; December (*Jackson*).

Type in my collection.

Metarctia rosacea, sp. n.

♂. Antennæ cream-colour. Head, palpi, thorax, abdomen, and legs pale pink. Both wings pink. Primaries marked with very pale brownish, a subbasal angled stripe across the cell and fold, followed by a curved one in the cell and into the interneural area of veins 2 and 3, a mark across the end of the cell; a postmedian waved fascia confluent with the interneural brownish area between veins 2 and 3; veins brownish; fringes pale brown. Secondaries very pale pink with pink fringes.

Expanse 37 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Metarctia pallens, sp. n.

♂. Palpi and antennæ brown; head, thorax, and abdomen dirty yellowish. Legs brown. Primaries very pale washed-out straw-colour, with the costa and upper margin of cell brown; a brown angled dash across the end of the cell, a broadish brown stripe, rather indefinite as to area, along vein 1*a*. Secondaries palest straw-colour, inclined to be hyaline about the cell.

Expanse 40 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Metarctia diversa, sp. n.

♂. Palpi and antennæ brown; head pale pinkish brown;

thorax pale brownish; abdomen pinkish ochreous. Legs brown. Primaries uniform brownish grey slightly tinged with pink, with a dark grey mark across the end of the cell; costa finely pink. Secondaries very pale pinkish, inclined to be hyaline at the base.

Expanse 46 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; October (*Ansorge*).

Type in my collection.

Metarctia contrasta, sp. n.

♂. Face and head rose-colour, collar smoke-brown edged with rose-colour, antennæ sooty brown; thorax sooty brown, with a metathoracic tuft of rose-colour; abdomen uniform rose-colour, ventral surface brown with yellow segmental divisions. Legs brown. Primaries uniform dark sooty grey with yellow fringes. Secondaries creamy white, semi-diaphanous.

Expanse 42 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Near *M. flavicincta*, Auriv., but the rose-coloured head, collar, and abdomen easily distinguish it.

Metarctia rubrilineata, sp. n.

♂. Head, antennæ, thorax, and abdomen uniform umber-brown. Legs yellowish brown tinged with pink; ventral surface yellowish. Both wings uniform umber-brown. Primaries with a red subcostal line for four-fifths of the costa, a small red spot near the end of the cell and another beyond it, a red spot below the angle of vein 2. Secondaries spotless.

Expanse 36 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Metarctia rubribasa, sp. n.

♀. Head red, antennæ black, collar, thorax, and abdomen pinkish brown. Primaries pinkish brown, with the base very restricted rosy; costa very finely pale pinkish. Secondaries uniform deep cream tinged with pink.

Expanse 42 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; December (*Ansorge*).

Type in my collection.

Metarctia uniformis, sp. n.

♂. Head and thorax yellow; abdomen paler yellowish; antennæ brown. Legs brown. Primaries uniform pale sooty brown, slightly darker along the costa and the inner margin. Secondaries creamy white.

Expanse 32 mm.

Hab. Malange, Portuguese W. Africa; December.

Type in my collection.

Near *M. flavicincta*, Auriv.

Arctiadæ.

LITHOSIANÆ.

Nola angola, sp. n.

♀. Head and thorax white; abdomen grey. Primaries with base white, narrowly grey at costa; median area and all the rest of the wing dark grey, except a white subovate costal patch from the end of cell into the apex, the terminal area being very dark; there is a trace of a dark postmedian and angled subterminal line across the ovate white patch. Secondaries grey, whitish towards the base.

Expanse 24 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Chionama rubritermina, sp. n.

♂. Head, thorax, and abdomen white. Both wings pure white. Primaries with three fine blood-red lines, viz., median one slightly angulated, postmedian very deeply projected outwards between veins 3 and 4, the third being a terminal line; a black spot in the cell followed by another at the end of the cell; costa with a small subbasal spot and another below it at the base of the cell, a subcostal spot just outside the postmedian line.

Expanse 20 mm.

Hab. Oni (Lagos); April.

Type in the Oxford Museum.

Ilema melanosticta, sp. n.

♂. Head and pectus yellow, antennæ yellow with dark shafts. Collar yellow; thorax white with yellowish patagia; abdomen yellow. Both wings pure white. Primaries with costa very finely black to the costal spot, a deep black subcostal spot just beyond the centre, a second below it shifted slightly inwards below the angle of vein 2. Secondaries quite spotless.

♀. Like the male.

Expanse 40 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

This is near *T. eninga*, Plötz, but its pure white wings and yellow head and abdomen will distinguish it.

Ilema diplistica, sp. n.

♂. Head, thorax, and abdomen yellowish. Primaries creamy white, with more colour at the base and on the fold, an indistinct dark spot on the costa just beyond the centre and another distinct one below it, shifted slightly outwards below vein 2. Secondaries spotless dirty white.

♀. Primaries darkish grey, with both spots distinct. Secondaries paler grey and spotless.

Expanse, ♂ 30, ♀ 35 mm.

Hab. Gunnal (W. Africa); June.

Types in my collection.

Ilema triplaiola, sp. n.

♂. Head and thorax pale tawny; abdomen grey, terminal segments yellowish. Primaries tawny ochreous (best described perhaps as deep buff), with the base paler and slightly paler beyond the median area; a small dark spot at the end of the cell, another on vein 2 shifted inwards, below which is another indistinct one on the inner margin; a few scattered dark scales in the postmedian area. Secondaries clear, spotless, pale yellowish.

Expanse 27 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Ilema malanga, sp. n.

♂. Head yellowish, thorax and abdomen grey. Primaries pale lemon-yellow, with the median area deeper yellow, inclined to an orange shade, a small dark point about the middle of vein 2. Secondaries very pale lemon-yellow.

Expanse 28 mm.

Hab. Malange, W. Africa.

Type in my collection.

Ilema unistrigata, sp. n.

♂. Head, thorax, and abdomen yellow, the latter the palest. Primaries pale straw-colour, with a single waved confluent spotted grey stripe across the end of the cell. Secondaries very pale clear yellowish.

Expanse 30 mm.

Hab. Gunnal (W. Africa); June.

Type in my collection.

Ilema bisticta, sp. n.

♂. Head and thorax yellowish, abdomen pale greyish. Primaries dirty yellowish, with a dark grey spot near the lower angle of the cell and another below it shifted inwards below vein 2; subterminal area with fine dark scattered scales. Secondaries semitransparent very pale lemon-yellow.

Expanse 30 mm.

Hab. Malange, W. Africa; October.

Type in my collection.

Ilema minutissima, sp. n.

♂. Head, thorax, abdomen, and legs dirty white. Primaries creamy white without any markings. Secondaries uniform milky white.

Expanse 18 mm.

Hab. Gunnal, W. Africa; June.

Type in my collection.

Ilema celida, sp. n.

♂. Head, thorax, and abdomen ochreous grey. Primaries uniform ochreous grey, with a dark spot in the cell on the discocellulars. Secondaries creamy ochreous, paler than the primaries, quite markless.

Expanse 22 mm.

Hab. Gunnal, W. Africa; November.

Type in my collection.

Ilema squamosa, sp. n.

♂. Head yellowish, thorax and abdomen dark grey. Primaries pale straw-colour without any pattern, but more or less covered with very fine darkish scales. Secondaries pale creamy-white.

Expanse 24 mm.

Hab. Malange, W. Africa; November.

Type in my collection.

Anaphosia parallela, sp. n.

♂. Head orange-yellow, thorax pearly white, a central deep orange spot on collar and fore part of thorax; abdomen yellowish grey. Primaries pearly white, tinged with pale straw, so as just to prevent it being white. Costa very finely black, a median and postmedian waved and curved fine black line parallel with each other. Secondaries the same colour as the primaries.

♀. Like the male, but with the secondaries yellower.

Expanse, ♂ 34, ♀ 42 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; October
(*Ansorge*).

Types in my collection.

Asura crenulata, sp. n.

♂. Head, thorax, and abdomen pinkish yellow. Primaries pinkish yellow, with pinkish-grey spotted lines; an oblique basal line followed by a parallel subbasal one, an irregular short line across the cell near its end, a small spot at the upper angle of the cell, a broad postmedian crenulate line, followed by an irregular subterminal one; termen with fine internervular dark dashes. Secondaries clear semihyaline pale lemon-yellow.

Expanse 24 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; December
(*Ansorge*).

Type in my collection.

Near *A. obliterata*, Wlk.

Asura pectinata, sp. n.

♂. Head, thorax, and abdomen pinkish, antennæ with long black branches and pinkish shaft. Primaries pink, basal area with a yellowish tinge with pinkish-grey spotted lines, an antemedian strongly curved line, a median line with a sharp angle in the cell, a strongly curved almost double postmedian line; a subterminal line of irregular isolated spots. Secondaries pale pinkish.

Expanse, ♂ 20, ♀ 26 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November
(*Ansorge*).

Type in my collection.

Asura xantha, sp. n.

♂. Head, thorax, and abdomen pale yellow. Primaries yellow, with an irregular curved pinkish-grey basal line; a deeply dentate median line, followed by an oblique curved crenulate line, a subterminal dot on veins 4 and 6; termen and fringe yellow. Secondaries very pale yellowish, somewhat transparent.

Expanse 18 mm.

Hab. N'Dalla Tando (N. Angola), 2700 feet; November
(*Ansorge*).

Type in my collection.

Mittochrista hieroglyphica, sp. n.

♂. Head, thorax, and abdomen yellow. Primaries pale

yellowish tinged with pink in parts, with basal and median lines broad, adversely oblique, joined together in the cell by a broadish dash; postmedian line broad, very strongly elbowed outwards in the subapical area, receding rapidly to vein 2, then erect to the inner margin; three subterminal small spots about veins 3, 5, and 9 (one on each), all the marks are pinkish grey. Secondaries subhyaline pinkish yellow.

Expanse 21 mm.

Hab. N'Dalla Tando.

Type in my collection.

ARCTIANÆ.

Acantharctia aureacosta, sp. n.

♂. Palpi, head, and face yellow; collar and thorax dead white; abdomen yellow, with black dorsal bars; legs yellow. Both wings dead white. Primaries with costa yellow and fringes paler yellow. Secondaries with white fringes.

Expanse 34 mm.

Hab. Gurnal, W. Africa; June.

Type in my collection.

Between *A. flavicosta*, Hmps., and *nivea*, Aur.

Noctuidæ.

NOCTUINÆ.

Tuthorhyncus leucobasis, sp. n.

♂. Head and thorax greyish brown; abdomen greyish. Both wings brownish grey; costa with a sparse scattering of paler grey very fine scales, orbicular and reniform stigmata scarcely darker than the ground; fringes greyish white. Secondaries with the cell cream-colour and whitish-grey fringes.

♀. Primaries paler grey, with yet paler scales on the costa and internervular terminal spaces; a dark dash in the cell; cell closed by a dark double spot; a waved line of dark scales on the fold. Secondaries deep cream at the base, with apex and termen broadly dark grey.

Expanse 32 mm.

Hab. Nairobi, Molo Railway Station; July (*Jackson*).

Type in my collection.

Rhanidophora flava, sp. n.

♂. Head and thorax orange-yellow; abdomen rather paler yellow, ventral surface brown. Primaries deep cream-colour, the basal two-thirds to vein 1 *a* covered with orange-coloured scales; an oval whitish spot encircled with black near the

base of the cell; a similar smaller round spot at the upper angle of the cell and a pear-shaped similar spot at the lower angle; a postmedian row of orange dashes filling in the internervular spaces, and continued by a second confluent rather paler row of dashes almost up to the termen; termen pale cream; fringes orange-colour. Secondaries pale chrome-yellow, the basal two-thirds with dark grey irrorations.

Expanse 50 millim.

Hab. Mount Elgon; July. Uganda Protectorate.

Type in my collection.

Capnodes albicosta, sp. n.

♀. Head and thorax dull cinnamon-brown; collar white; abdomen darker brown. Both wings dull cinnamon-brown, with slightly darker lines. Primaries with nearly the whole length of costa narrowly white, but very prominent; the whole area has the appearance of being very finely irrorated with minute pale scales, in which the antemedian, median, and postmedian irregular and fine lines stand out clear brown, with also a trace of a subterminal line. Secondaries similar to the primaries but paler, and the lines only discernible obscurely.

Expanse 46 mm.

Hab. Lagos.

Type in the Hope Museum.

I put this with some doubt in this genus, though the palpi and shape of wings do not altogether agree.

Homodes hæmorrhanta, sp. n.

♂. Head and thorax reddish; abdomen ochreous, tinged with reddish. Both wings red, with grey lines. Primaries with a distinct but indefinite median line slightly excurved; postmedian line fine, boldly waved; subterminal line irregular, indented, and with small spots in it; termen with dark internervular points; costa narrowly grey. Secondaries with line similar to the primaries, but finer and much less definite.

Expanse 36 mm.

Hab. Lagos.

Type in the Hope Museum.

DELTOIDINÆ.

Eucapnodes megalosara, sp. n.

♂. Head and thorax umber-brown, abdomen greyer. Both wings umber-brown, with dark greyish markings. Primaries with antemedian line projected outwards in the cell; a black-

ringed white point in the cell over the lower part of the line; postmedian line sharply crenulate, receding on the fold; termen with fine black internervular points; a white point beyond the cell in the crenulate line, three white costal points beyond that line, and below these a dark indefinite cloudy patch. Secondaries with a dark dot in the cell; a median crenulate line; termen with dark internervular points.

Expanse 50 mm.

Hab. Lagos.

Type in the Hope Museum.

Catada rex, sp. n.

♀. Head blackish; collar, thorax, and abdomen orange, the latter fading into grey beyond the middle. Primaries with the costa finely black and the posterior half of the wing also blackish, the basal half being orange. Secondaries with the basal two-thirds orange, the posterior third blackish.

Expanse 32 mm.

Hab. Oni (Lagos).

Type in the Hope Museum.

This species is close to *C. ducalis*, Schaus, but the yellow areas are not the same.

Lymantriadæ.

PSEUDARCTIA, gen. nov.

Palpi hairy, small; antennæ shortly pectinate in female. Neuration: primaries with vein 2 from near the middle of the cell, 4 from the angle, 3 and 5 from close to the angle, 6 from the upper angle; 7, 8, 9, and 10 stalked, 10 at a quarter from the cell, 7 from beyond the middle; 11 free from the cell. Secondaries with 4 from the angle, 3 and 5 from close to the angle, 6 and 7 from the upper angle, 8 bent down to the cell and touching very shortly.

Type, *Pseudarctia nivea*, B-B.

Pseudarctia nivea, sp. n.

♀. Head, thorax, and abdomen white; antennæ blackish; legs white, femora red laterally, tibiæ and tarsi brown laterally. Both wings pure white, without any mark at all.

Expanse 52 mm.

Hab. N'tebi (Uganda).

Type in my collection.

Leucoma albifrons, sp. n.

♂. Head, thorax, and abdomen pearly white; antennæ

yellowish, with white shafts. Both wings pearly white. Primaries more lustrous than the secondaries, the only mark being a short fine black dash closing the cell.

Expanse 22 mm.

Hab. Oni (Lagos); April.

Type in the Hope Museum.

Next *L. aurifrons*, Mösch.

Leucoma albissima, sp. n.

♂ ♀. Head, antennæ, thorax, abdomen, and legs pure white; frons and palpi yellow. Both wings pure white. Primaries with a black dot at the end of the cell.

Expanse, ♂ 24, ♀ 38 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Euproctis onii, sp. n.

♀. Head and thorax deep cream; abdomen whitish grey, anal tuft golden brown. Primaries deep cream, with a few scattered dark grey scales below the cell and a very broad band of dark scales occupying all the postmedian and subterminal areas; fringes alternate deep cream and darkish grey. Secondaries uniform creamy white.

Expanse 36 mm.

Hab. Oni (Lagos); May.

Type in the Hope Museum.

Euproctis quadrifascia, sp. n.

♀. Head, thorax, and abdomen chrome-yellow. Primaries chrome-yellow, with four dark bands composed of superimposed dark brown scales; basal band broadish, not extending upwards into the cell; median band broad-angled at lower margin of the cell, but not extending beyond the upper margin; postmedian band broad, waved, interrupted by the veins; subterminal fascia irregular, much narrower, composed of interneural spots, some small and scallop-shaped. Secondaries paler and somewhat lustrous.

Expanse 36 mm.

Hab. Lagos District; November.

Type in the Hope Museum, Oxford.

Euproctis nigrosquamosa, sp. n.

♂. Head, thorax, and abdomen cream-colour. Primaries straw-colour, with a large transverse basal patch of deep straw-colour; median area broadly blackish, the area being

sparingly irrorated with dark scales; terminal area broadly deep straw-colour. Secondaries palest straw-colour.

Expanse 24 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Euproctis convergens, sp. n.

♂. Head and thorax yellowish; abdomen darker. Primaries lemon-yellow, with the antemedian area and the postmedian area broadly and obliquely covered with dark brown and blackish scales, which converge towards each other and meet in the fold. Secondaries palest lemon-yellow.

Expanse 22 mm.

Hab. Gunnal, West Africa.

Type in my collection.

The female of this species is in the National Collection from Coomassie (*Whiteside*), and agrees with my specimen except that the secondaries are white.

Euproctis citrona, sp. n.

♂. Head and thorax white, with a tinge of very pale lemon-yellow; abdomen white. Primaries the palest straw-yellow, without any markings. Secondaries as the primaries, but whiter.

Expanse 22 mm.

Hab. N'Dalla Tando; January (*Ansorge*).

Type in my collection.

Euproctis n'dalla, sp. n.

♂. Thorax and abdomen creamy white. Both wings white. Primaries with the median area having a few fine black scales, the area being waved in the outline of both margins; a black subapical spot (sometimes absent), with another black spot on the termen just below it, just below vein 5.

Expanse 26 mm.

Hab. N'Dalla Tando, 2700 feet; December (*Ansorge*).

Type in my collection.

Euproctis isis, sp. n.

♀. Head and thorax yellowish; abdomen duller yellow. Primaries clear lemon-yellow, with an obscure trace of a waved paler postmedian line, on the outside edge of which is a short dash on the fold reaching to vein 2 of blackish scales, with a trace of a few basal black scales. Secondaries palest lemon-yellow.

Expanse 36 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Euproctis nigrolunulata, sp. n.

♂. Head and thorax pale lemon-yellow; abdomen dirty yellow. Primaries very pale lemon-yellow, with an obscure paler curved median line, a similar waved postmedian line, and a trace of a similar subterminal line; a blood-red spot closes the cell; a fine black lunule in the tornus between veins 1*b* and 2. Secondaries very palest lemon-yellow.

Female precisely like the male.

Expanse, ♂ 26, ♀ 38 mm.

Hab. Gummal, West Africa.

Type in my collection.

Euproctis fasciata, var. *angolæ*, nov.

♂. Primaries with the median area filled in with crimson and bordered on each side with a line of black scales, no other marks being present.

Hab. N'Dalla Tando, 2700 feet; December (*Ansorge*).

Type in my collection.

There is a fair series of this form, which appears to be quite constant.

PARAPROCTIS, gen. nov.

Primaries broad; costa slightly arched, apex rounded but prominent; termen gradually rounded off into the inner margin, leaving the tornus rounded, not angled. Secondaries smallish. Neuration: primaries with vein 3 from before the angle, 4 from the angle, 5 from above the angle; 6, 7, and 8 stalked, 6 from just beyond the cell, 7 and 8 a third from the apex; 9 and 10 absent; 11 highly arched, close to 12. Cell long. Secondaries with vein 3 from just below the angle, 4 from the angle, 5 from above the angle, 6 and 7 stalked very near the apex, 8 anastomosing with 7 to near the end of the cell.

Type, *Paraproctis osiris*, B-B.

Paraproctis osiris, sp. n.

♀. Head, thorax, and abdomen dirty yellowish. Primaries deep cream, with the wing almost covered with fine fawn-coloured scales, the ground-colour showing through in obscure paler lines; a curved basal line; median line lunulate, postmedian line obscure, waved; a patch of darker fawn scales at the end of the cell, an obscure small similar patch near the tornus. Secondaries cream-colour.

Expanse 29 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

EUPROCTOIDES, gen. nov.

Palpi porrect, thickly scaled to tip, end-segment short; antennæ of male deeply pectinate with cilia; hind legs with two pairs of long tibial spurs. Neuration: primaries with 3 from below, 4 from the angle, 5 from just above the angle, 6 from below the upper angle, 7 from the end of the areole, 10 anastomosing with 8 to form the areole, but the fork given off beyond the areole; 9 given off from 8 at two-thirds from the areole, 8 depressed strongly, reaching the termen below the apex. Secondaries with 3 and 4 from the angle, 5 from a little above the angle, 6 and 7 stalked near the cell, 8 depressed towards the cell at a fifth from the base, contact very short, then quite free.

Type, *Euproctoides miniata*, B-B.

Euproctoides miniata, sp. n.

Palpi ochraceous, with a dark patch above; head and thorax dull red lead-colour; abdomen pale yellowish brown. Primaries orange-red lead-colour, with broad dark grey spotted lines or bands; a trace of a basal line; antemedian line angled outwards in the cell; some dark grey scales at the end of the cell; postmedian line intercepted by each vein, curved outwards about vein 7; a subterminal row of internervular dark grey spots; fringes red. Secondaries pale reddish orange.

Expanse 34 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Lacipa subpunctata, sp. n.

♂. Both wings white. Primaries with the median line very broad, yellowish, deeply and acutely angled nearly up to the end of the cell; postmedian line yellowish, very broad and oblique; a black dot below the cell near the base, three black dots beyond the end of the cell; termen finely dotted with black.

Expanse 24 mm.

Hab. N'Dalla Tando, 2700 feet; December (*Ansorge*).

Type in my collection.

PARAXENA, gen. nov.

Palpi fine, end segment curved downwards (sickle-shaped).

Antennæ pectinate, with cilia and fine hairs. Legs, mid and hind with one pair of tibial spurs. Neuration: primaries with vein 3 from before the angle, 4 from the angle, 5 from above the angle, 6 from the upper angle, 7 from the end of the areole, 8 into the apex, 9 excessively short (or obsolete), 10 long from the areole, 11 from the cell; veins 10, 11, and 12 lie almost touching each other. Secondaries with 3 and 4 and 6 and 7 on long stalks from the lower and upper angle respectively, 5 from above the angle, 8 practically free from the base.

Type, *Paraxena esquamata*, B-B.

Paraxena esquamata, sp. n.

♀. Head and thorax dirty white; abdomen pale grey, with anal tuft golden brown. Both wings white, very thinly scaled. Primaries with base sparsely irrorated with fine black scales. Postmedian line composed of two lines of fine black scales slightly waved and oblique.

Expanse 31 mm.

Hab. N'Dalla Tando; January (*Ansorge*). Also Entebbe, Uganda.

Type in my collection.

Paraxena angola, sp. n.

♂. Head and thorax creamy; abdomen whitish. Primaries yellowish cream-colour, with a trace of a double antemedian line angled in the cell; postmedian double line broad, strongly angled beyond the cell; fringes brownish, intersected at the veins; the lines are composed of fine pale brown scales. Secondaries much paler than primaries.

Expanse 24 mm.

Hab. Malange, W. Africa.

Type in my collection.

Orygia albacostata, sp. n.

♂. Head, thorax, and abdomen brownish. Primaries pale brownish, with a patch of darker basal scales; the costa up to the postmedian line and most of the cell greyish white; postmedian dark line fine, double, and angled inwards on the fold; a broad whitish oblique dash from the apex to about vein 5; an obscure subterminal line of fine internervular dashes. Secondaries very pale brownish grey.

Expanse 28 mm.

Hab. Malange, W. Africa.

Type in my collection.

Aroa callima, sp. n.

♀. Head, thorax, and abdomen whitish. Primaries whiter, tinged in parts with pale chestnut cream-colour, especially beyond the cell; a basal costal mark, beyond which is a second larger chestnut-grey patch; a small costal spot near the middle, followed by a darker one a third in front of the apex; a trace of a fine, extremely irregular, white subterminal line projected outwards between veins 3 and 4; above this projection the termen has three snow-white spots, the central being the largest one; apex with a small black spot, behind which is a pure white obscure spot. Secondaries white, tinged with deep cream between veins 2 and 6.

Expanse 36 mm.

Hab. Idakun (Lagos); May.

Type in the Hope Museum.

Aroa perfida, sp. n.

♂. Head and thorax brownish, abdomen grey. Primaries pale brownish, with a darker median area and a darker patch on the termen just above the tornus. Secondaries almost white, with grey fringes.

Expanse 26 mm.

Hab. Gunnal, W. Africa.

Type in my collection.

Aroa catori, sp. n.

♂. Head, thorax, and abdomen brown, the latter with a dark brown, short, dorsal proximal tuft. Primaries darkish brown, with a subbasal dark patch specially marked in the cell and another dark patch at the end of the cell intersected by paler lines; postmedian line finely and sharply crenulate waved, in a broad band of whitish; a small dark patch on the costa and also in the fold adjoining this band; a subterminal row of dark internervular spots, with a short inner row preceding it in the radial area. Secondaries brownish grey.

Expanse 26 mm.

Hab. Lokoja District (100 miles N.).

Type in my collection.

Aroa obliqua, sp. n.

♂. Head and thorax brown; abdomen brownish grey. Primaries dark brown, with an oblique pale fawn-coloured stripe from just before the apex to the middle of the inner margin, increasing in width to the margin; on the outer edge

of this stripe is a dark crenulate fine line; a subterminal row of pale fawn internervular dashes. Secondaries brownish grey.

Expanse 31 mm.

Hab. Lokoja District.

Type in my collection.

Aroa umbrata, sp. n.

♂. Head and thorax brown; abdomen dark grey. Primaries dark umber-brown of a mottled appearance, with a broad band of paler clearer brown in the median area, which is strongly angled outwards beyond the cell, at the outer edge of which is a fine dark crenulate line angled in like manner. Secondaries dark sooty grey. The primaries have a very rough texture, giving the wing a rough and mottled appearance.

Expanse 30 mm.

Hab. N'Dalla Tando, 2700 feet; November.

Type in my collection.

Aroa pinodes, sp. n.

♂. Head, thorax, and abdomen brownish. Primaries dirty brown, basal and median areas darkish brown; a post-median, costal, dirty tawny brown patch, in which is a fine dark toothed line more or less continued down to about vein 4; a similar-coloured apical patch; a preterminal dotted line; termen itself very finely linear and ochreous. Fringes dark brown. Secondaries uniformly neutral grey.

Expanse 25 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Lælia infracta, sp. n.

♂. Head, thorax, and abdomen grey. Primaries pale grey, with a narrow dusky curved stripe lengthwise through the cell and between veins 5 and 6 to the subterminal row of black dots, which row is curved and inclined inwards away from the tornus; the whole wing is very finely but sparsely irrorated with slightly darker ash-coloured scales. Secondaries greyish white.

Expanse 25 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Near *L. fracta*, Schaus.

Lalia flava, sp. n.

♀. Head, thorax, and abdomen yellow, both pale chrome-yellow. Primaries rougher in texture than secondaries, owing to the irroration of very fine yellow scales on a paler ground, with no other markings at all. Secondaries somewhat paler than the primaries.

Expanse 62 mm.

Hab. Oni (Lagos); March.

Type in the Hope Museum, Oxford.

Next *L. discolepia*, Hmps.

Dasychira strigidentata, sp. n.

♀. Head and thorax pale tawny brown; abdomen pale ochreous brown. Primaries pale greyish brown, with an antemedian, small, oval, twin red spot in the cell, touching which is a pale double line deeply angulated externally, the interspace between the lines being filled in with brownish; a large quadrate variegated tawny patch at the end of the cell, palely edged; the postmedian line double, deeply angulated externally about vein 6, with a sharp internal dentation below vein 2; interspace between the double line broadish, brown; a wedge-shaped tawny patch between veins 3 and 6, in which is an oval bright orange terminal spot between veins 5 and 6; two obscure, narrow, ovate subapical spots. Secondaries yellow, with an obscure brownish spot closing the cell and a broad, obscure, brownish terminal border.

Expanse 44 mm.

Hab. Oni (Lagos); March.

Type in the Hope Museum, Oxford.

Near *D. brunneicosta*, Holl.

Dasychira ruficosta, sp. n.

♂. Head and thorax dark grey; abdomen whitish, with a dark proximal tuft. Primaries with the costal half (including the cell) pale chestnut-brown, the lower part grey; an antemedian oblique pale line, edged laterally with dark brown; a postmedian, fine, oblique, crenulate dark line, beyond which between veins 1a and 2 is a pale chestnut-brown lunulate patch; a subterminal line of dark internervular dashes, bordered externally with whitish; none of the lines extend into the pale chestnut costal half. Secondaries pure creamy white.

Expanse 34 mm.

Hab. N'Dalla Tando (N. Angola), 2700 feet; November.

Type in my collection.

Near *D. basalis*.

Dasychira obsoletissima, sp. n.

Head and thorax sooty brown; abdomen paler brown. Primaries dark sooty brown, with only a single obscure, oblique, dark grey spotted line in the postmedian area. Secondaries darkish grey.

Expanse 29 mm.

Hab. N'Dalla Tando (N. Angola), 2700 feet; October.

Type in my collection.

Near *D. caruleifascia*, Holl.

Dasychira inconspicua, sp. n.

♂. Head, thorax, and abdomen brown. Primaries brown, with a slight greyish tinge; the obscure dentate subterminal line, receding somewhat as it approaches the tornus, is the only mark. Secondaries uniform dirty brown.

Expanse 35 mm.

Hab. Gunnal, W. Africa.

Type in my collection.

Dasychira perditia, sp. n.

♂. Head, thorax, and abdomen pale brown. Primaries uniform dirty brown, of a rough texture, and without any marks at all, but with the veins showing darkly through in the radial area. Secondaries pale brown, with the veins showing darkly through.

Expanse 34 mm.

Hab. Gunnal, W. Africa.

Type in my collection.

Dasychira exoleta, sp. n.

♂. Head, thorax, and abdomen mauve-brown. Primaries chocolate-brown, with a deep blackish-brown stripe along the centre of the fold ending a little in front of the termen; this stripe is interrupted by the pale antemedian line and again by a grey mark in the median area; across the median area is a large, greyish, very irregular patch occupying the posterior part of the cell, below which it is suddenly constricted and equally suddenly expands to the inner margin; the postmedian line is represented by a dark double line from the costa to vein 5; a trace of a deep velvety subterminal line is visible which is exceedingly irregular and interrupted and deeply dentate, from which extend two or three fine dashes into the termen. Secondaries uniform greyish brown.

Expanse 40 mm.

Hab. Malange, W. Africa.

Type in my collection.

Allied to *D. gonophora*, Holl.

Dasychira ladburyi, sp. n.

♀. Head ochreous grey; thorax and abdomen greyish; collar greenish. Primaries green, with a dark basal spot below the costa; antemedian line dark, irregular, as to its upper portion dentate and fine, but below the cell broadish and oblique, with a blackish patch in the fold; an obscure spot darkly edged closes the cell, beyond this the obscure postmedian grey line is crenulate and waved; subterminal line excessively irregular, broad and dark, deeply angled several times; a preterminal line of blackish internervular lunules; fringes dark grey, intersected at the veins with paler grey. Secondaries clear ochreous grey.

Expanse 54 mm.

Hab. Bugoma Forest (Uganda Protectorate); July.

Type in my collection.

Allied to *D. gnava*, Swinh.

Dasychira styx, sp. n.

♂. Head and thorax deep velvety brownish black; abdomen somewhat less dark. Primaries deep blackish brown, with lines deep velvety black; basal line distinct, irregular, waved, and dentate; median line scalloped and curved outwards; postmedian line very irregular and deeply waved, followed by another line, somewhat crenulate and waved, but not parallel with the postmedian line; a subterminal row of dots recessed on the fold into the outer postmedian line; termen with dark internervular dashes; the end of the cell is closed by two fine dark lines, the outer one forming part of the postmedian line proper. Secondaries grey, becoming dark brown beyond the cell.

♀. Like the male, but with fawn-coloured edging to some of the lines and spots.

Expanse, ♂ 34, ♀ 40 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Types in my collection.

Allied to *D. fusca*, Wlk.

DASYCHIRANA, gen. nov.

Palpi porrect, thickly haired and fringed with longer hairs, end segment of moderate length; antennæ deeply pectinate, pectinations with long cilia. Legs: mid tibiæ with one pair, hind tibiæ with two pairs of long spines; fore leg with a thick tuft of hairs. Wings: primaries of moderate width; costa slightly and evenly arched; termen fairly erect, evenly rounded: secondaries fairly ample. Neuration: primaries with 3 from below the angle, 4 from the angle, 5 from above the angle, 6 from the upper angle; 7, 8, 9, and 10 stalked,

8 anastomosing with 7 close to the cell to form a very small areole; 8, 9, and 10 branches given off nearer the apex than the cell. Secondaries with 3 and 4 from the angle, 5 from above the angle, 6 and 7 from the upper angle, 8 joined by a minute bar to 7 near the middle of the cell.

Type *Dasychirana obliquilinea*, B-B.

Dasychirana obliquilinea, sp. n.

♂. Head, thorax, and abdomen brown. Primaries brown, with an obscure basal dark line angled in the cell to the costa but erect below the angle; an oblique dark, straight, postmedian line; except for these two lines the wing is practically patternless. Secondaries uniformly brown.

Expanse 38 mm.

Hab. Malange, West Africa.

Type in my collection.

Dasychirana unilineata, sp. n.

♂. Head, thorax, and abdomen brown. Primaries brown, with an indefinite darkening of the ground-colour in and around the cell; postmedian line pale, waved outwards at its middle and placed somewhat near the termen; the darkening of the ground-colour extends rather beyond this line. Secondaries glossy brown.

Expanse 34 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

Dasychirana crenulata, sp. n.

♂. Head, thorax, and abdomen greyish brown. Primaries pale brown, with a dark, curved, interrupted, crenulate basal line; a dark, outwardly oblique, crenulate median line palely edged externally; postmedian line dark, palely edged, inwardly waved, crenulate, and inwardly oblique; a trace of a subterminal spotted line; termen with a row of cream-coloured dots edged inwardly with dark brown; fringes pale grey, interrupted with brown. Secondaries pale brownish grey, with an obscure oblique median line.

Expanse 34 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

LYMANTRIADES, gen. nov.

Palpi depressed, small; antennæ bipectinate, with cilia, branches long in male, a tuft of depressed hairs given off below the antennæ; mid tibiæ with one pair of spurs, hind tibiæ with two pairs; costa straight, depressed at apex,

termen slightly arched, wings expanding rapidly. Neuration: primaries with vein 2 given off a quarter from the lower angle, 3, 4, and 5 from close to the angle, 6 from the upper angle, 7, 8, 9, and 10 stalked, 7 from nearest the cell, 11 from near end of cell. Secondaries with 3 and 4 stalked, 5 from below the middle, 6 and 7 stalked.

Type, *Lymantriades obliquilinea*, B-B.

Lymantriades obliquilinea, sp. n.

♂. Head and thorax dark brownish grey, palpi and antennal tufts bright orange-yellow; abdomen alternately banded yellow and black. Primaries brownish grey with a dark median line palely edged internally, postmedian line very oblique, the area in front of it being paler than rest of wing, a broad dark indefinite area behind it, a subterminal scalloped dark line palely edged internally. Secondaries pale brownish, lightest at the base.

Expanse 28 mm.

Hab. Gunnal, West Africa.

Type in my collection.

PARAPIRGA, gen. nov.

♂. Palpi minute, hairy; face hairy, antennæ of both sexes deeply pectinate, more deeply in male. Neuration with 3 from well before the lower angle, 4 and 5 from the lower angle, 6 from below the upper angle, 7 from 8 and connected by a bar in the middle with 6 and constricted at that point, 8 and 9 forked near the apex, 10 and 11 from the cell, 10 connected with 8 by a short bar beyond 7 and so forming a long areole. Secondaries with 3 from well before the angle, 4 from the angle, 5 from below the middle of the cell, 6 and 7 stalked, 8 free from the base, but connected with the cell by a short bar.

Type, *Parapirga neurabrunnea*, B-B.

Parapirga neurabrunnea, sp. n.

♂. Head and face brownish, thorax grey; abdomen pale grey. Both wings subdiaphanous, but scaled all over with white semitransparent scales. Primaries with all the veins covered with fine brown scales, which also are spread somewhat along the termen. Secondaries with the veins brown only quite close to the termen.

♀. Like the males, but veins less densely brown.

Expanse, ♂ 46, ♀ 59 mm.

Hab. N'Dalla Tando, 2700 feet; November.

Type in my collection.

[To be continued.]

THE ANNALS

AND

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[EIGHTH SERIES.]

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LXIV.—*Descriptions of new African Heterocera.*

By G. T. BETHUNE-BAKER, F.L.S., F.Z.S.

[Concluded from p. 552.]

Hypsidæ.

PSEUDOSOLOE, gen. nov.

Palpi hairy, minute, antennæ deeply pectinate in male, less so in female; fore leg with tibial spur the whole length of the joint, hind with two short pairs of tibial spurs. Neuration: primaries, vein 3 from well before the angle, 4 from the angle, 5 from the middle of the cell, 6 from the end of the cell, 7 from the cell, a quarter behind the angle stalked with 8 and 9, 10 and 11 anastomosing from the cell for a quarter, a bar given off from 12 to 11 just beyond its separation from 10. Secondaries with 3 from well before the angle, 4 from the angle, 5 absent, 6 from the upper angle, 7 from the cell well behind the angle, 8 free but approximating to the cell near the base.

Type, *Pseudosoloe n'tebi*, B-B.

Pseudosoloe n'tebi, sp. n.

♂ ♀. Collar pale grey, thorax darker grey. Both wings hyaline grey, with a black spot at the end of the cell in each wing, and the veins very distinct.

Expanse, ♂ 38 mm., ♀ 41 mm.

Hab. Uganda; July.

Types in my collection.

Eupterotidæ.

Phiala nigrovenata, sp. n.

♂. Head yellowish, thorax cream-colour, abdomen yellowish; entire underside of these yellowish. Both wings pale cream-colour, with all the veins outlined strongly with black, but in the secondaries the black lines are much finer and do not extend backwards into the median area. Fringes in both wings yellowish.

Expanse 62 mm.

Hab. Bugoma Forest, Bunyoro; July.

Type in my collection.

Notodontidæ.

Antheua rodeosemena, sp. n.

♂. Head and face bright rose-colour, with a small frontal lozenge-shaped patch of lemon-yellow, and the antennal tufts pale lemon-yellow, below the upper layer of hairs bright rose. Thorax pale lemon-yellow, with central and lateral stripes and spots of bright rose-colour; abdomen with dorsum and sides yellowish tawny, with dark segmental divisions slightly marked, and a lateral black line dividing the ventral pale creamy surface from the upper surface, a row of black dots being below the line. Pectus bright rose-colour; legs with rosy femoral tufts and black tibiæ and tarsi. Primaries very pale lemon-yellow, with two basal costal rose-colour dots, an antemedian row of three rose spots, a postmedian waved row of six spots. Secondaries white, slightly tinged with yellow.

Expanse 48 mm.

Hab. N'Dalla Tando, Angola (*Ansorge*).

Type in my collection.

Antheua delicata, sp. n.

♂. Head and thorax very pale lemon-yellow; abdomen buff-colour. Primaries very pale lemon-yellow, with a very irregular broad longitudinal stripe of pale pink mostly below the cell and extending well into the radial area, at its upper extremity are two isolated pink dots above each other; termen and fringe narrowly pinkish. Secondaries almost pure white, with perhaps the least trace of yellow in the terminal area.

Expanse 30 mm.

Hab. Lokoja District (100 miles to the north).

Type in my collection.

PARAZANA, gen. nov.

Differs from *Zana* in that the cell of both wings is very wide and has a veinlet running right through near the middle, the termen of the wings is not crenulate. The primaries are triangular, rapidly expanding outwards, and broad, costa nearly straight, apex very slightly rounded; termen erect, slightly waved. Secondaries with apex broader than in *Zana* and termen slightly truncated.

Type, *Parazana radiata*, B-B.

Parazana radiata, sp. n.

♀. Head and thorax ashy grey; abdomen yellowish, with grey anal segments. Primaries pale chocolate-brown, brighter than usual in that colour, with the lower margin of the cell narrowly grey, expanding outwards to the termen, the veins showing white; costa narrowly greyish, but with chocolate scales overspreading it, a small grey terminal patch just below the costa, inner margin narrowly slightly greyish. Secondaries clear white just tinged with yellowish.

Expanse 36 mm.

Hab. Lokoja District (100 miles to the north).

Type in my collection.

Corma tephraea, sp. n.

♀. Head and thorax ashy grey; abdomen darker. Primaries ashy grey tinged with lavender, a dark waved basal line, median line dark, irregular, somewhat crenulate; postmedian line dark, waved, almost spotted, with a row of dark points palely edged directly outside it, a pale very irregular subterminal line; termen with dark internervular dashes. Cell closed with an ashy-grey crescent palely edged. Secondaries greyish white, tinged with greyish above vein 7, termen finely dark, fringes pale grey.

Expanse 44 mm.

Hab. Northern Nigeria.

Type in my collection.

EPIDONTA, gen. nov.

Head and frons roughly haired, palpi roughly haired, very small, end segment minute, larger in the female; antennæ fasciculate, in the male with cilia also. Legs: mid with one pair of spurs, hind with two pair. Wings: primaries, costa nearly straight, slightly depressed at apex; termen evenly curved, slightly crenulate; width moderate, expanding

evenly and gradually outwards. Secondaries of moderate dimensions, costa arched near base; termen slightly truncate, somewhat crenulate. Neuration: primaries with 6, 7, 8, 9, and 10 stalked, 11 from near the middle of the cell; secondaries with 3 and 4 from the angle, 6 and 7 stalked well beyond the cell, 5 in both wings is weak.

Type, *Epidonta eroki*, B-B.

Epidonta eroki, sp. n.

♂. Head and thorax densely covered with short ash-grey hairs, palpi with similar hairs; abdomen yellowish. Primaries ash-grey, with a trace of an irregular median double line, beyond which the area is paler, a grey roundish patch at the end of the cell; a postmedian waved row of dark points on the veins; a small wedge-shaped dark grey costal subapical patch; a faint trace of an irregular fine subcrenulate subterminal line, crenulate margin very finely dark. Secondaries creamy white.

♀. Darker grey than the male, all the markings almost obsolescent and with grey secondaries.

Expanse, ♂ 42, ♀ 53.

Hab. Doenyo Erok; April.

Types in my collection.

Paradiastema nitens, sp. n.

♀. Head and thorax pale greyish brown, antennæ black; abdomen ochreous grey, anal extremity golden brown. Primaries uniform semidiaphanous lustrous golden grey without any marks at all. Secondaries lustrous greyish white, with a slight trace of yellowish at the apex and along the termen. All the wings are very sparingly covered with scales and are therefore somewhat hyaline.

Expanse 68 mm.

Hab. Lokoja District.

Type in my collection.

Near *P. pulverea*, but the abdomen is not intersected with black and the anal segments are golden brown not white.

Scrancia hollandi, sp. n.

♂. Head whitish, thorax dark reddish, abdomen straw-coloured. Primaries whitish, with the base and upper part of the wing to the end of the cell very dark crimson-brown, which also extends about veins 5 and 6 to the termen and is more or less visible below vein 1. Secondaries shining white.

Expanse 34 mm.

Hab. N'Dalla Tando, Angola, 2700 feet; November (*Ansorge*).

Type in my collection.

Notodontidæ.

EPICERURA, gen. nov.

Palpi short, hairy, porrect; antennæ shortly bipectinate and with cilia; legs hairy. Wings: primaries roughly triangular, broadish; costa straight, apex acutely rounded; termen receding slightly from vein 6. Secondaries small, sharply rounded at apex, receding in a slight curve to the angle. Neuration with vein 5 from above the middle, 6, 7, 8, 9, and 10 stalked, 6 from near the upper angle, 7 and 9 of even length, 8 given off near the apex, 10 from between 6 and 9. Secondaries with 3 and 4 from the lower angle, 5 from the middle, 6 and 7 stalked, 8 depressed suddenly near the base on to 7, lying on it to near the end of the cell, then rising slightly to the apex.

Type, *Epicerura tanda*, B-B.

Epicerura tanda, sp. n.

♂. Head, face, and thorax hairy, darkish grey, abdomen darker grey. Primaries grey, base rather darker up to the basal irregular dark line; postmedian line incurved, slightly scalloped, a dark short costal dash in front of it, subterminal area paler, with a row of dark internervular dashes. The whole wing has a finely dusted appearance. Secondaries shining white.

Expanse 42 mm.

Hab. N'Dalla Tando, Angola; December.

Type in my collection.

Stauropus catori, sp. n.

♀. Head, thorax, and abdomen grizzly. Primaries grizzly grey, with a few black scales and a black spot in the median area, more black scales on the costa at the end of the cell and also in the lower radial subterminal area, and three dark costal subapical dots. The whole surface of the wing has a roughly scaled appearance. Secondaries dark dirty grey.

Expanse 48 mm.

Hab. Lokoja (100 miles to the north).

Type in my collection.

Catarctia subrosea, sp. n.

♂. Head, thorax, and abdomen yellowish, with proximal rosy hairs; abdomen with a dorsal row of black dots on each side; tarsi of legs rosy. Primaries yellowish fawn-colour, with a black basal point, median line very faint, irregular; postmedian line broader, excurved, fairly distinct; apex slightly shaded, as also the termen, the latter with a row of black dots. Secondaries with the basal two-thirds yellowish, the terminal third being bright rosy.

♀. Primaries similar to the male, but duller and with a somewhat diaphanous appearance; the lines are more distinct, the postmedian line being double. The secondaries are nearly all rosy.

Expanse, ♂ 50, ♀ 60 mm.

Hab. Lokoja District (100 miles to the north); January.

Types in my collection.

Trotonotus crenulata, sp. n.

♂. Head, thorax, abdomen, and both wings ochreous grey. Primaries with a trace of an irregular basal line, a postmedian and subterminal line, sharply crenulate and almost parallel, of lavender-grey, beyond the latter a row of similar coloured dots on each vein. Secondaries with the two crenulate lines and the dots, as in the primaries, continued through, but the ground-colour is somewhat paler.

Expanse 58 mm.

Hab. N'Dalla Tando, Angola; November (*Ansorge*).

Type in my collection.

Peratodonta obliquilinea, sp. n.

♂. Head, thorax, and abdomen brown, a deep, dark, velvety-brown, triangular patch on the prothorax. Primaries vinous brown, lavender-brown below the cell; a trace of a fine irregular linear median line, a very oblique twin line from the apex to the inner margin, the interspace filled with pale lavender-brown, beyond this line the area is paler with a trace of an indefinite row of obscure chestnut small patches. Secondaries creamy, with grey hairs on the fold.

Expanse 43 mm.

Hab. Lokoja (100 miles to the north).

Type in my collection.

Near *P. arctipennis*, Holl.

Polienus ochracea, sp. n.

♂. Head, thorax, and abdomen ochreous grey. Primaries

ochreous grey with dark scales below the cell, a dark dash above vein 4 and a dark oblique dash into the apex, a postmedian waved row of dark points; cell and costa paler than rest of wing, but with dark fine scales scattered about. Secondaries uniform darker grey.

Expanse 34 mm.

Hab. Malange, W. Africa; December.

Type in my collection.

LEPTOLEPIDA, gen. nov.

Palpi minute, antennæ bipectinate in male. Wings: primaries narrow, costa slightly arched, termen gradually rounded from the apex; secondaries small, somewhat truncate just below the apex. Neuration: primaries, 2 from near the angle, 3 and 4 from the angle, 5 from above the angle, 6, 7, 8, 9, 10 stalked, 6 well away from end of cell, 9 almost obsolete, all these veins lie close to the costa. Secondaries with 3 and 4, and also 6 and 7, stalked; 5 from just below the centre.

Type, *Leptolepida malangæ*, B-B.

Leptolepida malangæ, sp. n.

♂. Head and thorax iron-grey, abdomen yellowish grey. Primaries iron-grey, with a curved basal row of dark dots, and a waved postmedian row of dark points with fine outer edgings of cream, and a short fine blackish dash along the veins from these points; costa slightly darker than rest of the wing; termen with fine brown dots at the end of each vein. In the subterminal area there is an obscure broadish paler grey strongly indented line. The whole wing is but thinly clothed with scales. Secondaries pale grey.

Expanse 29 mm.

Hab. Malange, West Africa.

Type in my collection.

Cleapa afra, sp. n.

♂. Head and thorax chocolate-brown, abdomen dark grey. Primaries dark chocolate-brown up to the subterminal line, beyond which they are much paler; a median zigzag double line of raised scales up to the middle of the cell; subterminal line waved and whitish, the area beyond being greyish in the tornal area and pale chocolate above. Secondaries dirty greyish, getting darker at the apex and near the termen.

Expanse 36 mm.

Hab. Gunnal, West Africa; October.

Type in my collection.

Near *C. latefascia*, Wlk., from India.

Geometridæ.

BOARMINÆ.

Terina sanguinarea, sp. n.

♂. Head, thorax, and abdomen black; head with a white dot between the antennæ and over each eye; thorax with rows of segmental spots, viz., a dorsal, dorsal lateral, and ventral lateral row. Both wings deep black with blood-red spots. Primaries with two spots in the cell and one at the end of the cell, a basal dash followed by a small spot below the cell, an irregular spot below the angle of vein 2, a small spot between 2 and 3, and another between 3 and 4, these two being nearer the termen. Secondaries with most of the cell broadly red, a spot below vein 2, another between 2 and 3, nearer the termen and between 3 and 4, above this a large quadrate one. Female just like the male, only the red spots are larger.

Expanse, ♂ 40, ♀ 43 mm.

Hab. N'Dalla Taudo, 2700 feet; September.

Types in my collection.

Pitthea subflaveola, sp. n.

♂. Head, thorax, and abdomen black, ventral surface of abdomen and face yellowish. Both wings black. Primaries with a small hyaline spot in the cell and two larger hyaline spots below the cell, the lower one being elliptical and much larger than the upper quadrate one. Underside: primaries as the upperside. Secondaries chrome-yellow with a narrow black termen and broader black apex.

Expanse 38 mm.

Hab. Malange, W. Africa; October.

Type in my collection.

Near *P. rubriplaga*, Warr.

Geodena robusta, sp. n.

♀. Head and collar yellow with a central grey stripe, thorax grey, abdomen whitish grey; legs dark grey. Both wings white, with greyish-brown areas. Primaries with costa brown, the outer half (or nearly half) greyish brown, with a small white excavation between veins 2 and 3, a small irregular white patch in this area beyond the cell. Secondaries entirely white except at the apex, which is greyish brown, extending along the termen to vein 4.

Expanse 42 mm.

Hab. Cassualalla, N. Angola (*Ansorge*).

Type in my collection.

Near *G. inferna*, Swinhoe, but the dark areas are different, this being specially marked on the underside.

Geodena leona, sp. n.

Head grey with a yellow spot between the antennæ on the frons; thorax and abdomen pale grey. Primaries white for the basal half; costa entirely dark grey, thus reducing the white area; a slight indentation into the brown area occurs near the angle of vein 2, a longish waved dash beyond the cell, constricted for its lower half. Secondaries entirely white, except the apex to vein 4, and from vein 3 to the angle, which are broadly dark grey.

♀. Like the male, but with the waved dash beyond the cell much larger.

Expanse, ♂ 40, ♀ 44 mm.

Hab. Oni (Lagos).

Types in the Hope Museum.

Near *G. surrendra*, Swinhoe.

Lasiocampidæ.

Taragama pulchristriata, sp. n.

♂. Head rufous, hairs tipped with pale ochreous and grey; antennæ pale tawny; thorax dark rufous, centre of prothorax pale grey; abdomen rufous. Primaries with base and tornal area yellowish, rest of wing pinkish rufous with veins yellowish; from the apex to the middle of the inner margin is a broad curved band composed of three stripes, separated from each other by dark rufous lines, the two outside stripes are pinkish, the middle stripe having a yellowish tawny hue, this band is edged externally with yellowish; termen rufous. Secondaries uniformly rufous.

Expanse 52 mm.

Hab. Oni (Lagos); May.

Type in the Hope Museum.

The larva of this pretty species was found on April 16th; on the 22nd of the same month it began to spin, and the imago appeared on May 8th. The cocoon is a very flimsy structure, evidently made of the hairs of the caterpillar loosely woven together into a fine network, in which the change takes place, but the network is so loose and fine that the pupa can be seen easily in all its parts.

Anadiasa lineadentata, sp. n.

♂. Head and thorax reddish brown, abdomen browner

and paler. Primaries reddish brown, with an oblique dentate dark antemedian line; postmedian dark line strongly curved in the upper radial area, then slightly waved, a subterminal black dentate line, consisting of a series of internervular indentations. Secondaries much paler than primaries.

Expanse 28 mm.

Hab. N'Dalla Tando, 2700 feet (Angola); December (*Ansurge*).

Type in my collection.

Chrysopsyche mirifica, Btl.

One example of this species is in the Hope Museum from Lagos, the larva of which was found on April 7th; this spun its cocoon on April 17th, and the perfect insect emerged on May 1st. The cocoon is spun on the upper side of a leaf and is perfectly elliptical in shape, of a close fine texture, and of a bright sulphur-yellow, the hairs (? of the larva) being so closely and finely woven into the texture as to give it quite a cloth-like surface.

Chrysopsyche albicilia, sp. n.

♂. Frons deep cream-colour, as also are the shafts of the antennæ, with blackish pectinations, closely covered with olive-green hairs on a yellow foundation with a yellowish central patch at the back; abdomen dark grey, with long proximal segments covered with long olive-green hairs and with a yellow anal extremity. Primaries pale yellowish tawny, densely covered with olive-green, fine, hair-like scales for the basal half, and with ordinary dark grey scales for the outer half; an oblique dark antemedian line angled near the costa, a more oblique dark median line similarly angled. Secondaries very dark brownish grey, with white fringes and with basal tufts of long olive-green hairs.

Expanse 40 mm.

Hab. Lagos; May.

Type in the Hope Museum.

The larva of this specimen was found in April, pupation took place on the 22nd of that month, whilst the imago emerged on the 3rd of May. The pupa is enveloped in a fine hairy case, the hairs sufficiently sparse to show the pupa through.

Chrysopsyche ladburyi, sp. n.

♂. Head and thorax pinkish brown, abdomen darker with golden-red anal tuft. Primaries pale pinkish brown, with

fine irregular dark median and postmedian lines, a dark, somewhat spotted, oblique, irregular, waved, subterminal line from close to the apex. Secondaries pinkish grey-brown with the radial area with a golden-yellow lustre and white fringes.

♀. Head, thorax, and primaries ochreous, abdomen darker. Primaries with an irregular antemedian blood-red line, a small red spot at the end of the cell, a postmedian crenulate blood-red postmedian line. Secondaries uniformly golden ochreous.

Expanse, ♂ 36, ♀ 64.

Hab. Bugoma Forest (Lake Albert), Senegal.

Type in my collection.

The male, as usual with this genus, is very different from the female, but my friend Dr. Riel of Lyons, who sent me my first male specimen, tells me that his correspondent in Senegal (M. Gaston) took them *in copulâ* and has reared them from the same batch of eggs. Before receiving Dr. Riel's specimens, I had, however, received the female from my friend the Rev. H. B. Ladbury, from Bunyoro; this is somewhat different from the West African specimen, as it has a considerable irroration of black scales in the basal and postmedian areas, with the trace of an oblique reddish sub-terminal line from near the apex.

Chrysopsyche jacksoni, sp. n.

♂. Head and thorax tawny straw-colour, abdomen ochreous grey. Primaries pale ochreous grey, with a small basal cream spot, median dark line nearly erect and slightly curved; postmedian line angled from the costa to vein 7, then oblique to middle of inner margin; subterminal line broad, irregular, dentate, silvery grey. Secondaries greyer than primaries, with a cloudy patch at the apex and a trace of a pale line in it.

Expanse 52 mm.

Hab. Entebbe (Uganda); January.

Type in my collection.

Near *C. leucostygma*, Hmps.

Chrysopsyche flaveola, sp. n.

♂. Head, thorax, and abdomen pale yellowish. Both wings bright ochreous. Primaries with a small white basal spot below the cell; median line dark, slightly waved; postmedian line angled at vein 7, then obliquely curved to the inner margin; a broad subterminal irregular band of dusky

grey. Secondaries with apex clouded with dark grey, which descends in a line to vein 3.

Expanse 46 mm.

Hab. Gunnal, W. Africa; November.

Type in my collection.

This may be the West African form of the previous species, but the colour is quite different and the basal line is nearer the base and a different shape, whilst the postmedian line is further out and a different shape also.

Glocia tenebra, sp. n.

♂. Head, thorax, and antennæ very dark crimson. Primaries uniform dark crimson, without any mark at all. Secondaries very dark purplish black.

In spite of the dark colour both wings have a certain amount of transparence in their appearance.

Expanse 32 mm.

Hab. Oni (Lagos).

Type in the Hope Museum.

The perfect insect emerged on April 15th from a cocoon found on the 7th of the same month. The cocoon is pear-shaped, with a longish tapering tube at the small end; it has evidently been spun on a sandy soil, being entirely composed of minute particles of white sand for the outer cover; the emergence, however, took place from the side (near the middle), not from the end.

Trabala lambourni, sp. n.

♂. Head and thorax pale green, the latter with a dark central line; abdomen creamy; both wings pale green with olive markings. Primaries with a fine highly curved basal line not reaching to the inner margin, a dark point in the cell, a postmedian oblique slightly arched line, an irregular subterminal row of internervular lunules, a triangular pale brown patch on the inner margin confluent with the postmedian line. Secondaries with a dark point in the cell, an oblique postmedian line and an irregular subterminal row of internervular lunules. Fringes in both wings tipped pale brown. Female like the male, but paler.

Expanse, ♂ 48, ♀ 64 mm.

Hab. Lagos District; November.

Type in the Hope Museum (Oxford).

Metanastris coilotoma, sp. n.

♂. Face, head, thorax, and abdomen pale chocolate-

brown; thorax with deep velvety-brown lateral patches. Primaries reddish brown, with a very deep dark red-brown basal suffusion, extending along the cell and more or less up to the postmedian area, where it ends in a slight curve, there is, however, a paler dull median patch in this area, below the cell this dark area is abruptly terminated by a fine, curved, cream-coloured line, below which the colour is pale reddish to the inner margin; postmedian and terminal areas paler reddish, with a line of irregular internervular short dashes. Secondaries pinkish pale brown.

Expanse 43 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Metanastris zopheropa, sp. n.

♂. Head, thorax, and primaries dirty umber-brown; abdomen and secondaries darker brown. Primaries with an irregular double dentate antemedian line; postmedian line irregular and partially crenulate, followed by an indistinct trace of a similar line further outwards, from which (line) the posterior area is decidedly paler and in which is the subterminal fine dentate dark line, apical costal area darker. Secondaries quite uniform.

Expanse 60 mm.

Hab. Gunnal, West Africa.

Type in my collection.

Leipaxis crenulata, sp. n.

♂. Head and thorax ochreous tawny brown, abdomen ochreous grey. Primaries tawny brown with a pale median costal patch, median dark line angled outwards in the cell. Postmedian dark line crenulate with two outward angles, subterminal line darkly dotted with pale outer edges subcrenulate, the area between these two lines (postmedian and subterminal) being ochreous tawny. Secondaries creamy buff for the basal two-thirds, pale reddish brown for the terminal third.

Expanse 35 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Trichiura definita, sp. n.

♂. Head and thorax iron-grey, antennæ ochreous, abdomen grey. Primaries dark grey, with an antemedian white irregular line angled outwards below the cell; postmedian

white line obliquely curved, crenulate, and sometimes angled inwards on the fold, the area between these lines is much darker than elsewhere; a trace of a dark crenulate, sub-terminal line. Secondaries grey, with a broadish pale post-median waved band, extending nearly to inner margin near the tornus.

Expanse 27 mm.

Hab. White Nile, below Kosti; February.

Type in the Hope Museum.

This species is near *obsoleta*, Klug, but the colour is quite different and the lines also do not agree with each other.

Chrysoplomidæ.

Chrysoploma ansorgei, sp. n.

♂ ♀. Head, thorax, and abdomen washed-out orange, antennæ black. Both wings greyish ochreous, with all the veins finely outlined with black, and a trace of a broadish darker postmedian line, which in the primaries is obtusely angled about vein 6.

Expanse, ♂ 42, ♀ 46 mm.

Hab. N'Dalla Tando, Angola, 2700 feet; November (*Ansorge*).

Types in my collection.

Chrysoploma microsticta, sp. n.

♂. Head, thorax, and abdomen cream-colour. Both wings very pale washed-out straw-colour, secondaries spotless above. Primaries covered with very pale dove-grey mottlings for the basal two-thirds, the terminal third being nearly clear. On the underside the mottling resolves itself into a sparse irroration in both wings.

Expanse 52 mm.

Hab. Nairobi; February.

Type in my collection.

CHRYSECTROPA, gen. nov.

Palpi thickly scaled, end segment minute; antennæ moderately long, deeply pectinate to tip and with cilia; legs very hairy, hind legs with long tufts. Neuration: primaries with vein 4 from the angle, 3 and 5 from close to the angle, 6 from above the middle of the cell, 7, 8, and 9 stalked, 7 from close to the angle, 8 and 9 on a long stalk, 10 and 11 free from the cell. Secondaries with 3 from before the angle, 4 from

the angle, 5 from the middle of the cell, 6 and 7 from the upper angle, 8 bent down to cell and anastomosing at a point excessively shortly springing up immediately towards the costa and running parallel thereto.

Type, *Chrysectropa unilinea*, B-B.

Chrysectropa unilinea, sp. n.

♂. Head, thorax, and abdomen dirty cream-colour. Both wings pale cream-colour, with a single pale rusty median stripe running through each continuously; the ground-colour has a somewhat shining texture; underside similar to the upper, but all the veins are outlined with pale pinkish brown and there is a small spot of black scales in each cell.

Expanse 28 mm.

Hab. Malange, W. Africa; November.

Type in my collection.

Limacodidæ.

Thosea aurifrons, sp. n.

♂. Face, head, and prothorax golden orange, rest of thorax dark rufous, abdomen dark rufous. Primaries: basal half paler rufous, posterior half purplish brown, the two areas separated by an oblique dark stripe; a waved dark stripe from before the apex to vein 4 on the termen, tornus below this rufous. Secondaries uniform purplish brown.

Expanse 28 mm.

Hab. Malange, W. Africa; October.

Type in my collection.

Thosea lineapunctata, sp. n.

♂. Head, thorax, abdomen, and both wings very pale pinkish brown. Primaries with an oblique median darker stripe, shouldered on the lower margin of the cell, having a white exterior edging; from the costa just in front of the apex there descends to about vein 3 a waved line of small confluent dark spots; apical half of termen darkly clouded, the lower median area and the fold beyond the oblique stripe finely irrorated with rufous, so as to form an indefinite cloud; the basal area also irrorated to a slight extent in like manner.

Expanse 26 mm.

Hab. N'Dalla Tando, 2700 feet; November.

Type in my collection.

Miresa unicolora, sp. n.

♂. Head, thorax, and abdomen pale reddish brown, quite unicolorous, almost like fresh-cut bark, and without any markings. Secondaries paler and with a tinge of ochreous.

♀. Head, thorax, and both wings uniform pale ochreous grey. Primaries with a series of raised scales all over the wing. Secondaries decidedly paler than primaries.

Expanse, ♂ 39, ♀ 48 mm.

Hab. Gunnal, West Africa; June.

Types in my collection.

Near *M. pyrosommoides*, Holl. At first I thought this must be the same species as that described by Holland, of which I have a fair series of quite typical specimens from the same locality; but these two (taken *in copulâ*) have a different look about them, and this led me to examine the neuration, when I found that both, in addition to their uniformly even colour, had the fork of veins 8 and 9 exceptionally short, arising much nearer the cell than in *pyrosommoides*, this character in all the other specimens being quite typical.

Parasa serratilinea, sp. n.

♂. Head, thorax, and abdomen Paris green; palpi and legs grey. Primaries Paris green, with a restricted basal area of grey, its border being erect; a subterminal sharply serrate line from the apex to the tornus, the apical serrations being small, those in the lower radial area larger, the line being projected inwards in this region. Secondaries paler green.

Expanse 36 mm.

Hab. Northern Nigeria.

Type in my collection.

I have described this species as entirely green; my specimen is slightly yellowish at the tornus of the primaries and the secondaries, but I am convinced from the appearance that it is simply a damp stain.

Parasa catori, sp. n.

♂. Head and thorax bright green; antennæ red-brown; abdomen yellow; legs, breast, and ventral surface red-brown. Primaries with the base obliquely pale red-brown, the outer edge being angled twice; central area broadly bright pale green; terminal and subterminal areas broadly pale red-

brown, the inner margin being rounded, indented, and waved. Secondaries yellow, with pale red-brown fringes.

Expanse 28 mm.

Hab. Lokoja (100 miles north).

Type in my collection.

Nearest *P. smaragdina*, B-B., but basal and terminal reddish areas quite different in shape.

Parasa tripartita, sp. n.

♂. Head and thorax bright olive-green, the latter with a dark grey central stripe; antennæ black; abdomen yellow, with anal segments dark grey; legs and breast dark greyish brown. Primaries darkish grey, the basal area (obliquely rounded on its posterior and lower edges) divided from the outer area by a broad green oblique stripe right across the wing, and extending rather less broadly along the costa to the base. Secondaries yellow for the basal two-thirds, dark grey at apex and termen to vein 2.

Expanse 46 mm.

Hab. Gungal, West Africa.

Type in my collection.

Near *P. johannis*, Distant, but the stripe of the primaries is different and the secondaries likewise differ.

Macroplectra rosea, sp. n.

♂. Head, thorax, and abdomen buff-colour; sides of face and palpi bright rose-red. Primaries dull buff-colour, with three longitudinal lines of rosy red, the subcostal one the longest, that in the cell rather shorter, and that below the cell shorter still; from the middle line there is a slight trace of rosy radiations along the lower radial veins. Secondaries straw-yellow.

Expanse 22-24 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

This species is superficially like *Natada amica*, but the neuration is different to that genus.

Macroplectra hieraglyphica, sp. n.

♂. Head, thorax, and abdomen tawny brown. Primaries pale tawny brown, with a dark median oblique line curved inwardly on the fold; this line is double up to vein 2, outside this is a large roundish spot of pale chestnut-colour divided by two paler lines and encircled with one also; above this

are two or three small dark spots, the costal area above these and the terminal area being very pale, in which is a sub-apical bright chestnut half-moon; termen finely chestnut; fringes pale. Secondaries uniform pale pinkish straw-colour.

Expanse 24-26 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

PARAPLECTRA, gen. nov.

Palpi short, hairy, end segment very short, nearly naked; antennæ pectinated. Primaries very broad; termen evenly rounded off, so as to obliterate an angle at the tornus: secondaries small. Neuration: primaries with veins 2 and 3 stalked, 4 from the angle, 5 from near the angle, 6 from above the middle near the angle, 7 and 8 stalked on a longish stalk, 9 absent, 10 from the cell, 11 bent up to touch 12 running along beside it. Secondaries with 3 from near the angle, 4 from the angle, 5 from well above the angle, 6 and 7 stalked, 8 nearly free from base.

Type, *Paraplectra modesta*, B-B.

Paraplectra modesta, sp. n.

♂. Head, thorax, and abdomen pale tawny brown. Primaries buff-colour, with a small pale rusty patch in the basal part of the fold, margined by a short oblique white dash; above this are a few pale rusty indefinite spots, and there are a few dark rough scales scattered very sparingly over the wing. Secondaries uniform pale yellowish straw-colour.

Expanse 21 mm.

Hab. N'Dalla Tando, 2700 feet; November (*Ansorge*).

Type in my collection.

Somara loxotoma, sp. n.

♀. Thorax and abdomen white, the latter tinged with yellow. Both wings pure white; primaries only with a single mark, viz. a broad pale brown stripe along the fold expanding slightly to near the origin of vein 2, then suddenly rising in an oblique broad stripe into the apex.

Expanse 50 mm.

Hab. Lokoja (100 miles north).

Type in my collection.

Nearest *S. nivosa*, Feld.

Somara apiceplagata, sp. n.

♀. Head, thorax, and abdomen pale greyish dove-brown; metathorax with a deep velvety brown patch. Both wings pale greyish dove-brown. Primaries with the least trace of a fine, irregular, dentate grey line, and a similar posterior line which is yet more obscure; a largish, round, apical, brown patch, evanescent on its apical side.

Expanse 44 mm.

Hab. Lokoja (100 miles north).

Type in my collection.

Somara ruthosoma, sp. n.

♀. Head brown, thorax grey, abdomen straw-yellow, legs coffee-brown. Primaries pale brownish, thickly irrorated with fine grey scales; a trace of a short basal line and an oblique, twice waved, dark rusty brown postmedian line, with a white exterior edging. Secondaries pale straw-yellow, with broad internervular dashes of pale fawn-colour.

Expanse 54 mm.

Hab. Lokoja (100 miles north).

Type in my collection.

Altha ansorgei, sp. n.

♂. Head and thorax purplish brown, metathorax carmine, abdomen pale lemon-yellow. Primaries bright canary-yellow, the basal two-thirds being solid reddish purple, with a few overscattered pale lavender scales; this area has a broad outward projection about veins 3 to 5; a dark brown postmedian line is also in the area followed by a canary-yellow spot in the angle of vein 3; subterminal line dark brown, highly curved twice, first from the costa to vein 8, then more prominently from 7 to the tornus; this line consists more or less of confluent lunules. Secondaries very pale sulphur-yellow.

♀. Like the male, but the basal half of the secondaries is yellow.

Expanse, ♂ 34, ♀ 39 mm.

Hab. N'Dalla Tando, N. Angola, 2700 feet; November. Lokoja District.

Type in my collection.

PARAGETOR, gen. nov.

Palpi short, slightly scaled, upturned, not reaching halfway up the eyes. Neuration: primaries with vein 3 from well

before the angle, 4 from the angle, 5 from above the angle, 6 from just above the middle of the cell; 7, 8, 9, and 10 stalked, 8 and 9 very close to the apex; 11 from the cell; 8, 10, and 11 separated widely. Cell with discocellulars nearly erect. Secondaries with 3 from before the angle, 4 from the angle; 5 from just below the middle of the cell, which is very deeply recessed for its upper half, this leaving veins 6 and 7 on a very long stalk; 8 free from the base, not touching the upper margin of the cell.

Near *Hegetor*, Auriv.

Type, *Paragetor concolor*, B-B.

♀. Head, thorax, and abdomen deep straw-colour. Primaries uniform ochraceous, without a trace of any line or mark at all. Secondaries uniformly slightly darker and duller than primaries, also markless.

Expanse 24 mm.

Hab. Gunnal; June.

Type in my collection.

PSEUDOMANTRIA, gen. nov.

Palpi scaled, erect, end segment short; antennæ very slightly serrate, but so slightly as to be almost simple. Wings: costa slightly arched, apex depressed; termen slightly rounded off into the tornus; wings moderately broad. Secondaries smallish, but longer than usual. Neuration: primaries with vein 3 from before the angle, 4 from the angle, 5 from above the angle, 6 from the middle of the cell; 7, 8, and 9 stalked on a long stalk, 10 absent, 11 from the cell free. Secondaries with 3 from near angle, 4 from the angle, 5 from well above the angle, 6 and 7 stalked.

Type, *Pseudomantria flava*, B-B.

Pseudomantria flava, sp. n.

♂. Head, thorax, and abdomen orange-yellow. Primaries uniform chrome-yellow, without any mark at all. Secondaries uniform paler yellow.

Expanse 22 mm.

Hab. Malange, W. Africa; November.

Type in my collection.

TRACHYPTENA, gen. nov.

Palpi short, upturned, scaled. Antennæ serrate. Wings: primaries broad, costa and termen each slightly arched, inner margin produced into a broadish process for two-thirds from

the base. Secondaries fairly ample. Neuration: primaries with 3 from before the angle, 4 from the angle, 5 from near the angle, 6 from the middle of the cell, 7 from the upper angle; 8, 9, and 10 stalked, 11 free from the cell. Secondaries with 4 from the angle, 5 from above the angle, 6 and 7 stalked, 8 anastomosing shortly with the cell, then free.

Type, *Trachyptena rufa*, B-B.

Trachyptena rufa, sp. n.

♀. Head, thorax, and abdomen pale rufous. Both wings quite uniform markless pale tawny, entirely irrorated with fine rust-coloured scales.

Expanse 24 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

Zygænidæ.

HIMANTOPTERINÆ.

Petoptila catori, sp. n.

♂. Head, thorax, and abdomen blackish, covered with fine deep orange hairs. Primaries with the basal half of the wings up to the end of the cell yellow, the outer portion being entirely dark sooty grey. Secondaries yellowish for the basal third, the rest being dark sooty grey; the tail is very narrow for two-thirds, then suddenly expands and is spatulate, but equally suddenly narrows into a short, fine, slightly hooked tip.

Expanse 22 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

Near *P. neuropteridia*, Btl., but the yellow patch is different and the secondaries are quite a different shape.

Doratopteryx zopheropa, sp. n.

♂. Head and thorax dusky grey; abdomen yellowish. Primaries dusky grey, with an obscure yellowish dash in the cell and a small basal patch below the cell. Secondaries with the base yellowish and the long entirely filamentary tail dusky.

Expanse 24 mm.

Hab. Entebbe, Uganda; January.

Type in my collection.

Staphylinochrous whytei latimargo, var. nov.

♀. Head, thorax, and abdomen orange-brown; antennæ black. Both wings dull orange-colour, with the outer area black for a full third.

Expanse 42 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

Staphylinochrous pygmæa, sp. n.

♂. Head, thorax, and abdomen with yellowish-grey hairs; antennæ black. Primaries black, with the basal half of the cell and the area below it cream-colour. Secondaries cream-colour, with the outer third blackish.

Expanse 30 mm.

Hab. Lokoja District (100 miles north).

Type in my collection.

Next *S. melanoleuca*, Hampsn.

Staphylinochrous albabasis, sp. n.

♀. Head, antennæ, thorax, and abdomen tawny. Primaries with the basal half of the wings hyaline white, the outer area being sooty grey. Secondaries hyaline greyish white, with the terminal area narrowly dark grey.

Expanse 36 mm.

Hab. Malange; December.

Type in my collection.

ZYGÆNINÆ.

Neurcsymploca nigromarginata, sp. n.

♂. Head, thorax, and abdomen black. Primaries dirty ochre-yellow, with a narrow black margin around the entire wing except the basal third of the costa; the margin is broadest along the costa and apex and gradually narrows beyond. Secondaries with the basal two-thirds pink, the outer full third being blackish and the whole of the abdominal fold dusky hyaline.

Expanse 26 mm.

Hab. Malange, W. Africa; December.

Type in my collection.

This is probably a local form of *N. ochreipennis*, Btl., but the whole abdomen of my species is black, there is also a

much narrower black border to the primaries and a smaller pink area in the secondaries.

Saliunca biplagata, sp. n.

♂. Head, thorax, and abdomen bronzy metallic green. Both wings bronzy green. Primaries with a broad stripe below the cell slightly irrorated with fine bronzy scales; at the end of the cell a largish whitish spot, with a narrow oval one below it. Secondaries with a white spot across the end of the cell, the area below the cell at the base being hyaline.

Expanse 37 mm.

Hab. Kamililo, Nandi Country; June.

Type in my collection.

Saliunca kamilila, sp. n.

♂. Frons, head, and collar bright orange-yellow; thorax and abdomen metallic bronzy green. Primaries brownish buff, with the costa darker madder-brown, and with a broad, curved, indefinite, madder-brown band across the end of the cell to the termen about veins 2 to 4. Secondaries purplish grey, somewhat hyaline in the cell and below it.

Expanse 30 mm.

Hab. Kamililo, Nandi Country; June.

Type in my collection.

Byblisia albaproxima, sp. n.

♂. Head black, frons white; thorax and abdomen metallic green, the latter with a white band on proximal segment; anal segment orange-yellow. Both wings steely bluish black. Primaries with a narrow hyaline dash below the cell, followed by three narrow similar dashes (two near the end of cell and one below it); two small hyaline spots between veins 6 and 8, and two similar ones between veins 3 and 5. Secondaries with basal area hyaline, composed of four spots—a large one in the cell, a smaller one below it, and a yet smaller one below it at the extreme base, the fourth being between the first two at the extremity of the second; beyond these is a cluster of three hyaline spots.

Expanse 32 mm.

Hab. Oni (Lagos); April.

Type in the Hope Museum.

Near *B. setipes*, Plötz.

Psychidæ.

Monda cassualallæ, sp. n.

♂. Head, thorax, and abdomen dark grey. Primaries dark grey, area below the cell and vein 2 hyaline white. Secondaries hyaline white.

Expanse 26 mm.

Hab. Cassualalla, N. Angola; August (*Ansorge*).

Type in my collection.

LXV.—*Rhynchotal Notes*.—LV. By W. L. DISTANT.

Australasian Coreidæ and Berytidæ.

Coreidæ.

Genus AMORBUS.

Amorbus, Dall. List Hem. ii. p. 408 (1852).

Type, *A. alternatus*, Dall.

Amorbus damelus, sp. n.

♂. Head, antennæ, pronotum, and corium cinnamomeous; body beneath and legs testaceous; abdomen above black, with two prominent, central, transverse, discal red spots, one each at the anterior margins of the fourth and fifth segments and a very narrow spot at the anterior margin of the sixth segment; connexivum testaceous, with marginal elongate black spots; antennæ moderately robust, joints 1-3 almost subequal in length, remaining joint mutilated in typical specimen; head with a submarginal black fascia on each side; pronotum thickly finely granulose, the lateral margins slightly recurved and more or less shaded with black; scutellum black; corium thickly punctate; membrane bronzy brown; body beneath more or less finely granulose; posterior femora distinctly thickened, somewhat sinuate, inner margin shortly serrate, shortly but more prominently toothed a little before apex; posterior tibiæ very strongly curved, inwardly toothed, the tooth a little nearer base than apex, from tooth to apex the inner margin is shortly serrate.

Long., ♂ 19 mm.

Hab. New South Wales (*Edward Damel*, Brit. Mus.).